

CAREER OPPORTUNITIES

CALIFORNIA'S DAM SAFETY PROGRAM: Safeguarding People & Property



Division of Safety of Dams

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Sacramento, CA 95818

916.227.4644

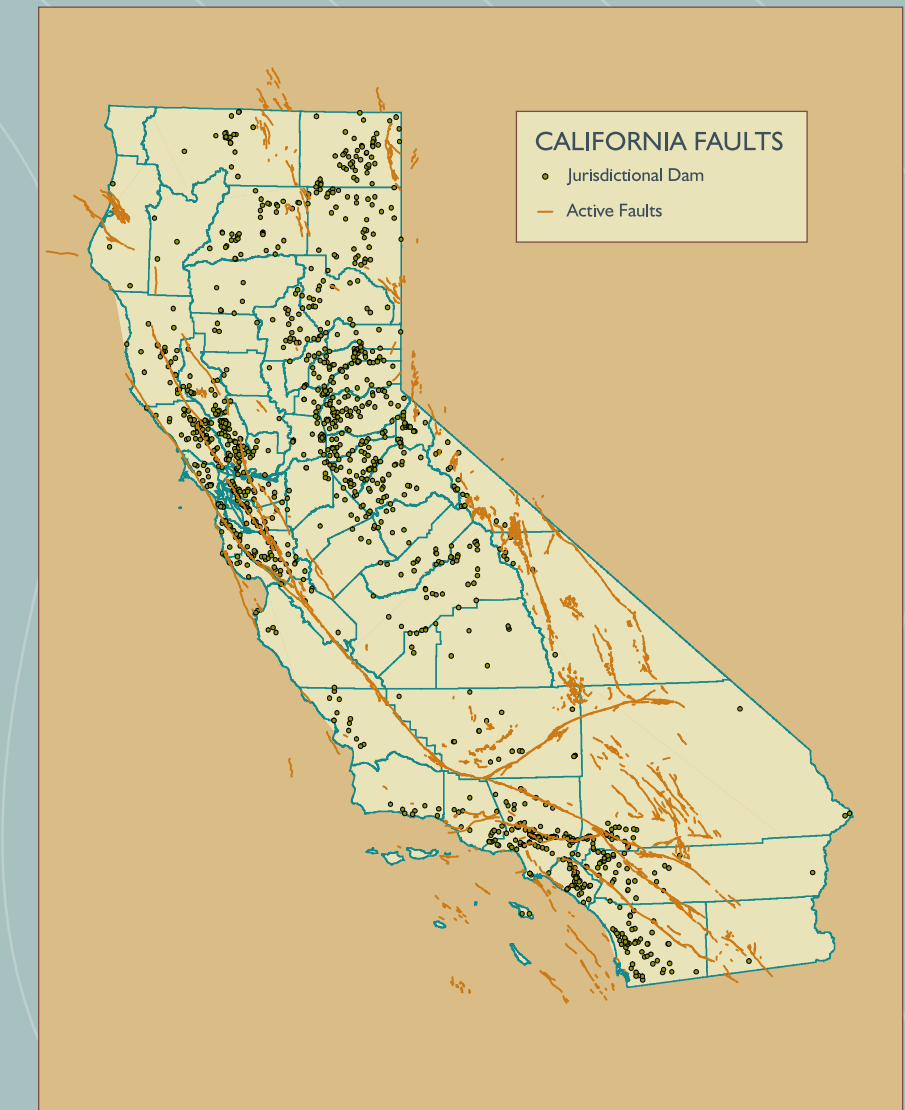
<http://damsafety.water.ca.gov/>

THE CALIFORNIA CHALLENGE

California's 1,250 state-regulated dams help store the water supply that is so critical to its agriculture, power supply, economy, and quality of life. However, dams also present formidable consequences if not properly designed, built, and maintained.

Civil engineers in the Department of Water Resources' Division of Safety of Dams (DSOD) play a vital role in ensuring public safety. Division engineers independently review and evaluate designs of new dams, which must meet state safety requirements. They perform frequent inspections of dams under construction and of those recently completed to verify compliance with approved plans and specifications. Alterations and repairs of existing dams are also thoroughly reviewed.

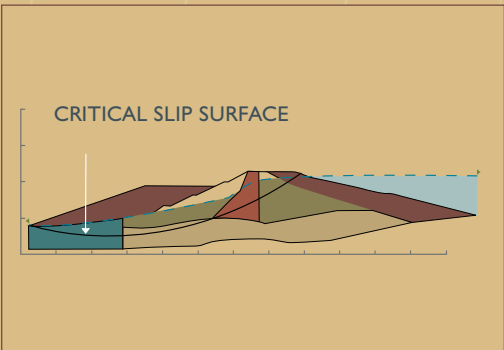
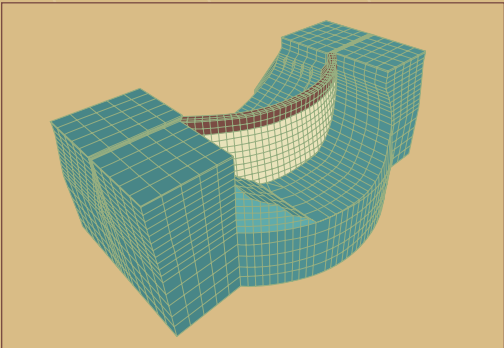
Our state's seismic activity and extreme rainfall in some areas require today's DSOD staff to be experts in how earthquakes and floods affect such structures. The variety of dam types, sizes, locations, foundations, environments, and seismicity issues offers a diversity of work and a high level of professional development that is difficult to match. The Division's comprehensive and rigorous program is recognized nationally and internationally.



VARIETY AND PROFESSIONAL DEVELOPMENT

Civil engineering positions often lock engineers into a limited set of tasks. In contrast, DSOD engineers perform a wide range of highly technical assignments that offer both field and design opportunities, including:

- Seismic analysis, with structural and geotechnical applications
- Structural analysis of concrete dams and appurtenant structures
- Geotechnical analysis of embankment dams and foundations



- Surface water hydrology and hydraulic analysis of spillways, weirs, culverts, pipelines, and other hydraulic structures
- Maintenance and construction inspection of dams located throughout California
- Emergency response in cases of flooding, earthquake, and other events involved with public safety



HOW TO GET A JOB WITH DSOD

Bring your resume to your campus career fair and look for the Department of Water Resources campus recruiters.

Access the online entrance exam at:
www.spb.ca.gov/employment/exam_start.htm

Choose the exam for Engineer, Water Resources. This exam is an experience/education exam and should not take more than an hour to complete. You will receive your score immediately.

For assistance, contact the Division of Safety of Dams and ask for the Recruitment Chairperson at 916.227.4644.



Big Creek #6 Dam in Fresno County



Oroville Dam was completed in 1968 and is an integral part of the California State Water Project.

QUALITY OF LIFE BENEFITS

- 13 holidays each year, 1 personal holiday
- 2 weeks of vacation each year to start
- 8 hours of sick leave per month
- 40-hour work week
- Choice of medical and dental plans
- Various retirement options available
- Reimbursement of Professional Engineer Exam and license renewal fees
- Membership fee reimbursement for professional associations and societies
- Business travel expense reimbursement
- Reimbursement for professional training and continuing education opportunities such as grad school and seminars